UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO. : 6,826,344 B2

DATED

: November 30, 2004

INVENTOR(S) : Shimada et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [56], References Cited, FOREIGN PATENT DOCUMENTS, "EP 0 964 305" reference, delete "11/1994" and insert -- 12/1999 --OTHER PUBLICATIONS, "Najafi, S.I., et al.," reference, "Sol-Gel Glass Waveguide and Grating On Silicon", delete "Lightware" and insert -- Lightwave --

Column 12,

Line 12, before "material" insert -- a --

Line 12, after "than" insert -- that --

Line 14, after "wherein" delete ":" and insert -- ; --

Signed and Sealed this

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Twenty-fourth Day of May, 2005

JON W. DUDAS Director of the United States Patent and Trademark Office